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DATE: August 24, 2005
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TO: Mall Stop AF
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COMPANY: USPTO
FROM: William B. Patterson
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ORIGINAL TO FOLLOW? ☐ YES ☒ NO

RESPONSE TO FINAL OFFICE ACTION DATED JUNE 24, 2005

U.S. SERIAL NO.: 10/648,815
CONFIRMATION NO.: 4562
CUSTOMER NO.: 36735
FILING DATE: August 26, 2003
TITLE: WELLBORE PUMPING WITH IMPROVED
TEMPERATURE PERFORMANCE
INVENTOR: William F. Howard, et al.
EXAMINER: Giovanna M. Collins
GROUP ART UNIT: 3672

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PATENT

Alt. Dkt. No. WEAT/0313

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
William F. Howard, et al

Serial No.: 10/648,815

Confirmation No.: 4562

Filed: August 26, 2003

**For: WELLBORE PUMPING WITH
IMPROVED TEMPEATURE
PERFORMANCE**

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**Group Art Unit: 3672**

**Examiner:** Giovanna M. Collins

**Customer No. 36735**

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34,102  
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**RESPONSE TO FINAL OFFICE ACTION DATED JUNE 24, 2005**

In response to the Final Office Action dated June 24, 2005, having a shortened statutory period for response set to expire on September 24, 2005, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0313/WBP, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Specification begin on page 2 of this paper.**

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.

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